All working must be shown

1.   Find the **range** of these numbers:-
        94, 36, 65, 32, 95, 29, 47, 22, 25.

2.   Find the **mode** for this currency list:-
      £3, £4, £3, £5, £4, £3, £3, £4, £7, £4, £7, £4.

3.   Find the **median** amount:-
            2°C, -2°C, 1°C, 6°C, -5°C, 7°C, 12°C, 14°C, 8°C, -9°C.

4.   Mary and Joe's father promised to buy them a new game controller if **both** of
      them scored an average (**mean**) of 85% or more in their maths tests.

      Mary scored 68%, 97%, 95%, 83% and 87% in her tests.
      Joe got 92%, 84%, 72%, 86% and 81% in his.

      Should they get the new controller ? *(Explain)*

5.   Shown is the money earned by two boys washing cars one evening.

Alan	£2	£4	£2	£2	£2	£5	£3	£2	£6
Dave	£1	£3	£3	£4	£1	£2	£3	£3	£4

      a. Write down the **modal** amount earned by each boy.

      b. Give a reason why it is unfair to
          compare their earnings using the mode.

6.   The **mean** cost of five pairs of trainers is £52.
      Four of the trainers are £55, £48, £54 and £49.
      What does the 5th pair cost?